SWALLOW.

A NEW

ALMANACK

for the Year of our

LORD GOD

1698.

BIBLIOTHECA BODLEIANA

Being the second after Bissextile or Leap-year and from the Worlds Creation, 5701.

Calculated properly for the famous University and Town of *Cambridge*, where the North-Pole is elevated 52 degr. 12 min. above the Horizon.

And may serve indifferently for any other place of this Kingdom.

Omnia falce metit tempus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1698.

The vulgar Notes and moveable Feasts for this Year 1698, in both Accounts, *viz.*

Julian or English.			*Gregorian* or Forreign.	
	8	The Golden Number	8	
	♋	The Dominical Letter	♋	
	28	The Epact	18	
	27	The Cycle of the Sun	27	
March	6	Shrove-sunday	Feb.	9
April	24	Easter-day	March	30
June	2	Ascension-day	May	8
June	12	Whitsun-day	May	18
Novem.	27	Advent-sunday	Novemb.	30

The Anatomy of Man's Body.

♈ Aries Head and Face	♎ Libra Reins and Loyns
♉ Taurus Neck and Throat	♏ Scorpio Secret Members
♊ Gemini Arms and Should.	♐ Sagitarius the Thighs
♋ Cancer Breast and Stomach	♑ Capricornus the Knees
♌ Leo Heart and Back	♒ Aquarius the Legs
♍ Virgo Bowels and Belly	♓ Pisces the Feet.

The beginning and ending of the Terms.

Hillary Term begins January 24, and ends February 12, and hath 4 returns, *viz.*

Octab. Hilar.	Jan.	20
Quind. Hilar.	Jan.	27
Craſt. Purif.	Febr.	3
Octab. Purif.	Febr.	9

Eaſter Term begins May 11, ends June 6, and hath 5 returns, *viz.*

Quind. Paſch.	May	9
Tres Paſch.	May	16
Menſ. Paſch.	May	23
Quinq. Paſch.	May	30
Craſt Aſcen.	June	3

Trinity Term begins June 24, and ends July 13, and hath 4 returns, *viz.*

Craſt. Trin.	June	20
Octab. Trin.	June	27
Quind. Trin.	July	4
Tres Trin	July	11

Michaelmas Term begins October 24, and ends November the 28, and hath 6 returns, *viz.*

Tres Mich.	Octob.	20
Menſ. Mich.	Octob.	27
Craſt. Anim.	Novem	3
Craſt. Mart.	Novem.	12
Octab Mart.	Novem.	18
Quind. Mart.	Novem.	25

Times prohibiting Marriage.

MArriage comes in on the 13 day of January, and at Septuageſima Sunday it is out again until Low-ſunday; at which time it comes in again, and goes not out till Rogation-ſunday: thence it is forbidden untill Trinity-ſunday, from whence it is unforbidden till Advent-ſunday: but then it goes out, and comes not in again till the 13 day of January next following.

Note that the Exchequer openeth 8 days before any Term begins except the Term of Trinity, in which it openeth but 4 days before.

January hath xxxi days.

New moon the 2 day, 48 min. paſt 8 in the morning.
Firſt quarter the 9 day, 24 min. paſt 9 in the morning.
Full moon the 16 day, 7 min. paſt 7 in the morning.
Laſt quarter the 24 day, 26 min. paſt 3 in the morning.

1	a	Circumciſion	21	57	Capr.	12		
2	b	2 after Chriſt.	22	59		25		
3	c	Octab. John	24	0	Aquar.	8	Mild weather	
4	d	Octab. Innoc.	25	1		22	with ſome	
5	e	Simeon	26	2	Piſces	6	wet at the	
6	f	Epiphany	27	3		19	beginning.	
7	g	Julian	28	5	Aries	3		
8	a	Geyardus	29	6		17		
9	b	Sun in Aquar.	0 ♒	7	Taur.	1		
10	c	Nicanor	1	8		15		
11	d	Linus	2	9	Gem.	0		
12	e	Satyrius	3	10		14	Windy and	
13	f	Hilary	4	11		28	cold about	
14	g	Felix	5	12	Canc.	12	this time.	
15	a	Maurice	6	13		25		
16	b	2 after Epiph.	7	14	Leo	9		
17	c	Anthony	8	15		23		
18	d	Priſca	9	16	Virgo	6		
19	e	Wolſtan	10	17		19	Cloſe dark	
20	f	Fab & Seb.	11	18	Libra	1	weather with	
21	g	Octab. Hillar.	12	19		13	ſome froſt.	
22	a	Vincent	13	20		25		
23	b	3 after Epiph.	14	21	Scorp.	7		
24	c	Term begins	15	22		19		
25	d	Conv. S. Paul	16	23	Sagit.	0		
26	e	Wolfcarp	17	24		12		
27	f	Quind. Hillar.	18	25		25	Froſt and	
28	g	Tars, M.	19	25	Capr.	7	ſnow about	
29	a	Valerius	20	26		20	this time.	
30	b	K. C. r. Mart.	21	27	Aquar.	3		
31	c	Septua	22	27		17		

New moon the 1 day, 16 min. paſt 1 in the morning.
Firſt quarter the 7 day, 22 min. paſt 4 afternoon.
Full moon the 14 day, 2 min. paſt 10 at night.
Laſt quarter the 22 day, 33 min. paſt 11 at night.

D.M.	W.D.	Feſtival days with terms.	☉ place d.	m.	Moons place.		Inclination of the Air.
1	d	Brigget	23	28	Piſces	1	
2	e	Purif. V. Mar.	24	29		5	Snow about
3	f	Craft. Purif.	25	29		29	the beginning
4	g	Waſe Ep.	26	30	Aries	14	of the month.
5	a	Gilbert	27	30		28	
6	b	5. ſun. aft. Epi.	28	31	Taur.	12	
7	c	Auguſtus	29	31		26	
8	d	Sun in Piſces	0	♓32	Gem.	10	
9	e	Octab. Purif.	1	32		24	
10	f	Scholaſt.	2	33	Canc.	8	Variable wea-
11	g	Euſtachus	3	33		22	ther and cold.
12	a	Term ends	4	33	Leo	5	
13	b	6 ſun. aft. Epi.	5	34		18	
14	c	*Valentine*	6	34	Virgo	1	
15	d	Julian, V.	7	34		14	
16	e	Conſtance	8	34		27	
17	f	Diofcorid	9	35	Libra	9	Good ſeaſona-
18	g	Simeon	10	35		21	ble weather
19	a	Roman	11	35	Scorp.	3	now.
20	b	Septuageſima	12	35		15	
21	c	96 Martyrs	13	35		27	
22	d	Cath. Petri	14	35	Sagit.	8	
23	e	Polycarp	15	35		20	
24	f	S. Matthias	16	35	Capr.	2	Towards the
25	g	Inven. Puli	17	35		15	end high
26	a	Simeon, B.	18	35		28	winds with
27	b	Sexageſima	19	35	Aquar.	11	ſome Froſt.
28	c	Oſwald	20	34		25	

March hath xxxi days.

New moon the 2 day, 34 min. past 7 in the morning.
First quarter 9 day, 56 min. bef. 1 in the morning.
Full moon the 16 day, 18 min. past 4 in the afternoon.
Last quarter the 24 day, 20 min. past 5 in the afternoon.
New moon the 31 day, 13 min. past 8 at night.

1	D	Dauid B.	21	34	Pisces	9	
2	E	Chad B.	22	34		24	
3	F	Marcia:	23	34	Aries	8	Windy and
4	G	Adrian	24	33		23	turbulent Sky
5	A	Eulebius	25	33	Taur.	8	with some
6	B	Shrove-Sund.	26	33		23	rain.
7	C	Perpetua	27	32	Gem.	7	
8	D	Equinus	28	32		21	
9	E	Ash-wednsd.	29	31	Canc.	5	
10	F	Sun in Aries	0 ♈	31		18	
11	G	Agapius	1	30	Leo	2	
12	A	Gregory	2	29		15	Some pinch-
13	B	Quadragesim.	3	29		28	ing frosty
14	C	Theodote	4	28	Virgo	10	mornings.
15	D	Longinus	5	27		23	
16	E	Ember week	6	27	Libra	5	
17	F	Gertrude	7	26		17	
18	G	Edward R.	8	25		29	
19	A	Joseph	9	24	Scorp.	11	
20	B	2 Sun. in Lent	10	23		23	Windy and
21	C	Benedict	11	22	Sagit.	5	cold.
22	D	Basilius	12	21		17	
23	E	Victorian	13	20		29	
24	F	Quirinus	14	19	Capr.	11	
25	G	Lady day	15	18		23	
26	A	Castor M.	16	17	Aquar.	6	
27	B	3 Sund in Lent	17	16		19	Dry towards
28	C	Dorothy	18	15	Pisces	3	the end of the
29	D	Quintin	19	13		17	month.
30	E	Guido	20	12	Aries	2	
31	F	Balbinus	21	11		17	

April hath xxx days.

First quarter the 7 day, 8 min. paſt 10 in the forenoon.
Full moon the 15 day, 19 min. paſt 6 in the morning.
Laſt quarter the 23 day, 55 min. paſt 7 beforenoon.
New moon the 30 day, 14 min. paſt 2 in the morning.

1	☽	Theodor	22	9	Taur.	2	
2	a	Mar. Egypt.	23	8		17	
3	♓	Mildlent ſun.	24	7	Gem.	2	Somewhat
4	c	Ambroſe	25	5		17	cold at the
5	d	Martius	26	4	Canc.	1	beginning.
6	e	Sixtus	27	2		15	
7	f	Egeſippus	28	1		28	
8	g	Dionyſius	28	59	Leo	12	
9	a	Marcellus	29	57		25	
10	♓	Sun in Taurus	0 ♉	56	Virgo	7	
11	c	Leo, Papa	1	54		20	Now more
12	d	Julius	2	52	Libra	2	pleaſant with
13	e	Juſtinus	3	51		14	refreſhing
14	f	Tiburtius	4	51		26	ſhowers.
15	g	Perpetuus	5	49	Scorp.	8	
16	a	Tarſitus	6	47		20	
17	♓	Palm Sunday	7	45	Sagit.	2	
18	c	Eluther	8	43		14	
19	d	Timothy, D.	9	41		26	Some thunder
20	e	Apleg. Ep.	10	39	Capr.	8	with haſty
21	f	Simeon	11	37		20	ſtorms of rain
22	g	*Good Friday*	12	35	Aquar.	2	and hail.
23	a	S. GEORGE	13	33		15	
24	♓	Eaſter Day	14	31		28	
25	c	S. Mark	15	29	Piſces	12	
26	d	Cleins, B.	16	27		26	
27	e	Anaſtaſy	17	25	Aries	11	Good weather
28	f	Vitalis	18	23		15	ends the
29	g	Pet. de mil.	19	21	Taur.	10	month.
30	a	Q. M. 2. born	20	16		25	

May hath xxxi days.

First quarter the 6 day, 24 min. past 8 at night.
Full moon 14 day, 55 min. past 9 at night.
Last quarter 22 day, 11 min. past 7 at night.
New moon the 29 day, 10 min. past 9 in the forenoon.

1	F	Phil. & James	21	14	Gem.	11		
2	G	Athanas	22	12		26		
3	A	Invent. Crucis	23	9	Canc.	10	Somewhat	
4	b	Christoph.	24	7		24	cool at the be-	
5	c	Gothard	25	4	Leo	8	ginning.	
6	d	Joh. Port. Lat.	26	2		21		
7	e	Juvenal	27	0	Virgo	4		
8	F	2 after Easter	27	57		17		
9	g	Quind. Pasch.	28	55		29		
10	A	Gordion	29	52	Libra	11	Yet it contin-	
11	b	Sun in Gem.	0	50	Term beg.		nues cold with	
12	c	Pancrat	1	47	Scorp.	5	some battering	
13	d	Gervatius	2	45		17	storms of rain.	
14	e	Fortunat.	3	42		29		
15	F	3 after Easter	4	40	Sagit.	11		
16	g	Tres Pasch.	5	37		23		
17	A	Cotpetus	6	34	Cap.	5		
18	b	Venant	7	32		17	Very good	
19	c	Dunstan	8	29		29	and pleasant	
20	d	Potentis	9	26	Aquar.	12	weather now.	
21	e	Helena	10	23		24		
22	F	4 after Easter	11	21	Pisces	8		
23	g	Mens. Pasch.	12	18		21		
24	A	Adelme	13	15	Aries	5		
25	b	Urban	14	12		19		
26	c	Augustin	15	10	Taur.	4	Some thunder	
27	d	Beda V.	16	7		19	with rain to-	
28	e	William	17	4	Gem.	4	wards the end	
29	F	K. Ch. II. Nat.	18	1		19	of the month.	
30	g	Felix	18	58	Canc.	4		
31	A	Petronel	19	56		18		

June hath xxx days.

First quarter 5 day, 32 min. past 5 in the morning.
Full moon the 13 day, 40 min. after 12 at noon.
Last quarter the 21 day, 59 min. past 2 in the morning.
New moon the 27 day, 58 min. past 4 in the afternoon

1	e	Nicomed	20	53	Leo	3	
2	f	Ascenſon day	21	50		17	
3	g	Craſt. Aſcenſ.	22	47	Virgo	0	Fine pleaſant
4	a	Petrochius	23	44		13	ſhowers with
5	b	6 after Eaſter	24	41		26	gentle gales of
6	c	Term ends	25	38	Libra	8	wind.
7	d	Boniface	26	36		20	
8	e	Claudius	27	33	Scorp.	2	
9	f	Medardus	28	30		14	
10	g	Ter. Edmond	29	27		25	
11	a	S. Barnabas	0	♋ 24	Sagit.	7	
12	b	Whit-Sunday	1	21		19	Now inclining
13	c	Cyrillus	2	18	Capr.	1	to heat with
14	d	Baſil.	3	15		14	thunder.
15	e	Ember week	4	12		26	
16	f	Richard	5	9	Aquar.	9	
17	g	Botolph	6	6		21	
18	a	Mar. Mars.	7	3	Piſces	4	
19	b	Trinity-Sund.	8	0		18	
20	c	Craſt. Trin.	8	57	Aries	1	More hot
21	d	Walburg.	9	54		15	with haſty
22	e	Alban	10	51		29	ſhowers.
23	f	Vaſtling	11	49	Taur.	13	
24	g	S. John Bap.	12	46	Term beg.		
25	a	Elegius	13	43	Gem.	12	
26	b	1 after Trin.	14	40		27	
27	c	Octab. Trin.	15	37	Canc.	12	Hot and dry
28	d	Leo, Ep.	16	34		27	towards the
29	e	S. Pet. & Paul	17	31	Leo	11	end.
30	f	Com. Paul	18	28		25	

July hath xxxi days.

First quarter the 5 day, 5 min. before 1 in the morn.
Full moon the 13 day, 20 min. past 2 in the morn.
Last quarter the 20 day, 36 min. past 8 in the morning.
New moon the 27 day, 51 min. past 1 in the morning.

1	g	Tr. Sirith	19	25	Virgo	8	
2	a	Visit Mary	20	22		21	
3	B	2 after Trin.	21	19	Libra	4	Good hay
4	c	Quind. Trin.	22	17		16	weather about
5	d	Anselm.	23	14		28	this time.
6	e	Tranquil.	24	11	Scorp.	10	
7	f	Tr. T. Beck.	25	8		22	
8	g	Grimbald	26	5	Sagit.	4	
9	a	Cyriacus	27	2		16	
10	B	3 after Trin.	28	0		28	Very hot and
11	c	Tres. Trin.	28	57	Capr.	10	sultry wea-
12	d	Nabo; &c.	29	54		22	ther, with
13	e	Term ends	0	51	Sun in Leo.		some hasty
14	f	Henricus	1	48	Aquar.	18	showers and
15	g	Swithin	2	43	Pisces	1	thunder in
16	a	Bonavent	3	43		15	many places.
17	B	4 after Trin.	4	40		28	
18	c	Arnolph	5	37	Aries	12	
19	d	Dog days beg.	6	35		25	
20	e	Margaret	7	32	Taur.	9	Windy and
21	f	Praxeda	8	29		23	dry.
22	g	Mar. Mag.	9	27	Gem.	8	
23	a	Apollin	10	24		22	
24	B	5 after Trin.	11	22	Canc.	7	
25	c	S. James Ap.	12	19		21	
26	d	Anna	13	17	Leo	5	Good weather
27	e	Martha	14	14		19	for the season
28	f	Panthal	15	12	Virgo	4	ends the
29	g	Felix	16	9		26	month.
30	a	Abdon	17	7		29	
31	B	6 after Trin.	18	4	Libra	12	

Auguſt hath xxxi days.

First quarter the 3 day, 40 min. paſt 5 in the afternoon.
Full moon the 11 day, 25 min. paſt 2 in the after noon.
Laſt quarter the 18 day, 25 min. paſt noon.
New moon the 25 day, 52 min. paſt noon.

1	c	Lammas day	19	2	Libra	24		
2	d	Steephen	19	59	Scorp.	6		
3	e	Invent. Step.	20	57		18	Good weather	
4	f	Dominic	21	55	Sagit.	0	at the begin-	
5	g	Feſt. nivis	22	52		12	ning and tem-	
6	a	Sixtus	23	50		24	perate as to	
7	b	7 after Trin.	24	48	Capr.	6	heat.	
8	c	Cyriacus	25	45		18		
9	d	Roman	26	43	Aquar.	0		
10	e	Lawrence	27	41		14		
11	f	Tiburtius	28	39		27		
12	g	Clara, V.	29	37	Piſces	10	Some winds	
13	a	Sun in Virgo	0 ♍	35		14	with ſtorms of	
14	b	8 after Trin.	1	32	Aries	8	rain or hail.	
15	c	Aſſump. V.M.	2	30		22		
16	d	Rochus	3	28	Taur.	6		
17	e	Mammes	4	25		20		
18	f	Helena	5	24	Gem.	4		
19	g	Mag. Mart.	6	22		18		
20	a	Bernard	7	21	Canc.	2	Hot and tem-	
21	b	9 after Trin.	8	19		16	peſtuous with	
22	c	Hyppol	9	17	Leo	0	thunder.	
23	d	Zachary	10	15		14		
24	e	S. Bartholom.	11	13		28		
25	f	Lodo vic.	12	12	Virgo	11		
26	g	Severus	13	10		24		
27	a	Dog days end	14	8	Libra	7	Towards the	
28	b	10 after Trin.	15	7		20	end cool and	
29	c	Decol. J. B.	16	5	Scorp.	3	moiſt.	
30	d	Felix	17	3		14		
31	e	Paulinus	18	2		26		

September hath xxx days.

First quarter the 2 day, 36 min. past 11 in the foren.
Full moon the 10 day, 30 min. past 1 in the morning.
Last quarter the 16 day, 1 min. past 5 at night.
New moon the 24 day, 29 min. past 2 in the morning.

1	f	Egidius	19	0	Sagit.	8		
2	g	Anthony	19	59		20		
3	a	Mamert	20	57	Capr.	2	Somewhat	
4	b	11 after Trin.	21	56		14	cool with	
5	c	Bertinus	22	55		26	some rain.	
6	d	Magnus	23	53	Aquar.	9		
7	e	Regina	24	52		21		
8	f	Nat. V. M.	25	51	Piſces	5		
9	g	Gozgon	26	49		19		
10	a	Hilarion	27	48	Aries	3	Windy and	
11	b	12 after Trin.	28	47		17	moiſt about	
12	c	Guido	29	46	Taur.	2	this time.	
13	d	Sun in Libra	0	45		16		
14	e	Exalt. Crucis	1	44	Gem.	1		
15	f	Nicodem.	2	43		15		
16	g	Edith	3	42		25		
17	a	Lambert	4	41	Canc.	13	Good weather	
18	b	13 after Trin.	5	40		27	for the ſeaſon.	
19	c	Victor, &c.	6	39	Leo	11		
20	d	Fauſta	7	38		24		
21	e	S. Matthew	8	37	Virgo	7	Ember week	
22	f	Maurice	9	37		20		
23	g	Tecla, Vir.	10	36	Libra	3		
24	a	Rogerius	11	35		11	Now ſome-	
25	b	14 after Trin.	12	34		28	what cold	
26	c	Cyprian	13	34	Scorp.	10	with raw mi-	
27	d	Cosm. Dam.	14	33		22	ſty dark wea-	
28	e	Wenceſl.	15	33	Sagit.	4	ther.	
29	f	S. Michael	16	32		16		
30	g	Hieronim	17	32		26		

October hath xxxi days.

First quarter the 2 day, 53 min. past 5 in the morn.
Full moon the 9 day, 2 min. past noon.
Last quarter the 16 day, 3 min. past 2 in the morning.
New moon the 23 day, 24 min. past 7 at night.
First quarter 31 day, 26 min. past 11 at night.

1	a	Remigius	18	32	Capr.	10		
2	b	15 after Trin.	19	31		22		
3	c	Maximus	20	30	Aquar.	4	Cloudy and	
4	d	Francis	21	30		17	dark at the be-	
5	e	Constance	22	30	Pisces	0	ginning.	
6	f	Fides Vir.	23	30		13		
7	g	Marcus, &c.	24	29		27		
8	a	Pelagia	25	29	Aries	11		
9	b	16 after Trin.	26	29		26		
10	c	Dionysius	27	29	Taur.	11		
11	d	Burchard.	28	29		26	Very good	
12	e	Wilfred.	29	29	Gem.	11	weather about	
13	f	Sun in Scorp.	0	♏ 29		25	this time.	
14	g	Colman	1	29	Canc.	10		
15	a	Calixtus	2	29		24		
16	b	17 after Trin.	3	29	Leo	8		
17	c	Wolstan	4	29		21		
18	d	S. Luke Evan.	5	30	Virgo	4		
19	e	Frideswid.	6	30		17	Windy with	
20	f	Tres Mich.	7	30	Libra	0	cold storms of	
21	g	Caprasius	8	30		12	snow or rain.	
22	a	40 Virg. M.	9	31		25		
23	b	18 after Trin.	10	31	Scorp.	7		
24	c	Term begins	11	31		19		
25	d	Crispin	12	32	Sagit.	1		
26	e	Amandus	13	32		13		
27	f	Mens. Mich.	14	33		24	Towards the	
28	g	S. Sim. & Jude	15	33	Capr.	6	end inclining	
29	a	Narcissus	16	34		18	to Frost.	
30	b	19 after Trin.	17	34	Aquar.	0		
31	c	Quintin	18	35		12		

November hath xxx days.

Full moon the 7 day, 59 min. past 9 at night.
Last quarter the 14 day, 3 min. past 2 in the afternoon.
New moon the 22 day, 10 min. past 2 afternoon.
First quarter the 30 day, 16 min past 3 afternoon.

1	D	All Saints	19	35	Aquar	25	
2	E	Omn. Anim.	20	36	Pisces	8	
3	F	Cruc. Anim.	21	36		21	Not very cold
4	G	K. W. 3. born	22	37	Aries	5	the season
5	A	Powder Plot	23	38		19	considered.
6	B	20 after Trin.	24	38	Taur.	4	
7	C	Florent	25	39		19	
8	D	Severus	26	40	Gem.	4	
9	E	Theodote	27	41		19	
10	F	Martin P.	28	42	Canc.	4	
11	G	Martin Ep.	29	42		19	Cold and
12	A	Sun in Sagit	0 ♐	43	Leo	4	sharp air a-
13	B	21 after Trin.	1	44		18	bout this
14	C	Frideric	2	45	Virgo	1	time.
15	D	Leopold	3	46		14	
16	E	Othmarus	4	47		27	
17	F	Anianus	5	48	Libra	9	
18	G	Octab. Mart.	6	49		22	
19	A	Elizabeth	7	50	Scorp.	4	Some snow or
20	B	22 after Trin.	8	51		16	rain with high
21	C	Octab. V.M	9	52		28	winds.
22	D	Cecilia	10	53	Sagit.	9	
23	E	Clement	11	54		21	
24	F	Chrysogon.	12	55	Capr.	3	
25	G	Quind. Mart.	13	56		15	
26	A	Conradus	14	57		27	Dark gloomy
27	B	Advent Sund.	15	59	Aquar.	9	weather with
28	C	Term ends	17	0		22	some little
29	D	Saturn	18	1	Pisces	4	frosts.
30	E	S. Andrew	19	2		17	

December hath xxxi days.

Full moon the 7 day, 54 min. past 7 in the morning.
Last quarter the 14 day, 48 min. past 5 in the morning.
New moon the 22 day, 37 min. past 9 in the forenoon.
First quarter the 30 day, at 4 in the morning.

1	f	Eligius	20	3	Aries	0		
2	g	Libanus	21	4		14		
3	a	Castian	22	6		28	Good weather	
4	b	2 sun. in Adv.	23	7	Taur.	13	for the time	
5	c	Barba	24	8		28	of the year.	
6	d	Nicholas	25	9	Gem.	13		
7	e	Agath, M.	26	11		28		
8	f	Concep B.V.	27	13	Canc.	13		
9	g	Cyprian	28	14		28		
10	a	Melthiad.	29	16	Leo	12		
11	b	Sun in Capr.	0	17		27	Cold and	
12	c	Epimach	1	18	Virgo	10	moist with	
13	d	Lucia, Virg.	2	20		23	wind.	
14	e	Ember week	3	21	Libra	6		
15	f	Valerius	4	22		19		
16	g	O Sapientia	5	23	Scorp.	1		
17	a	Lazarus	6	25		13		
18	b	4 sun. in Adv.	7	26		25		
19	c	Noth	8	27	Sagit.	6	Frosty cold	
20	d	Ammon	9	29		18	weather about	
21	e	S. Thomas	10	30	Capr.	0	this time.	
22	f	Desider.	11	31		12		
23	g	Victor	12	32		24		
24	a	Adam & Eve	13	34	Aquar	6		
25	b	Christmas day	14	35		19		
26	c	S. Stephen	15	36	Pisces	1	The year ends	
27	d	S. John	16	38		14	with good sea-	
28	e	H. Innocents	17	39		27	sonable weather.	
29	f	Jonathan	18	40	Aries	10		
30	g	David	19	41		24		
31	a	Silvester	20	43	Taur.	8		

A Regal Table in a more exact manner.

The Year, Month, and Day, accounting the Year to begin Jan. 1.) whereon every King and Queen of *Eng.* since the Conquest began their reign.			The number of Years, Months, and Days, that every K. and Q. reigned 28 da. to a month.						The num. of Y. expired in this Y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	20	y	11	m	22	d	632		
W. Rufus	1087	Sept. 9	12	y	11	m	18	d	611	K. W. Conq.	
Henry 1	1100	Auguſt 1	35	y	4	m	11	d	598	W. Rufus	
Steven	1135	Decem. 2	18	y	11	m	18	d	562	Henry	1
Henry 2	1154	Octob. 25	34	y	9	m	2	d	544	Steven	
Richard 1	1189	July 6	9	y	9	m	0	d	509	Henry	2
John	1199	April 6	17	y	7	m	0	d	499	Richard	1
Henry 3	1216	Octob. 19	56	y	1	m	0	d	477	John	
Edward 1	1272	Nov. 16	34	y	8	m	6	d	432	Henry	3
Edward 2	1307	July 7	19	y	7	m	5	d	391	Edward	1
Edward 3	1327	Jan. 25	50	y	5	m	7	d	371	Edward	2
Richard 2	1377	June 21	22	y	3	m	14	d	321	Edward	3
Henry 4	1399	Sept. 29	13	y	6	m	3	d	299	Richard	2
Henry 5	1413	March 20	9	y	5	m	24	d	285	Henry	4
Henry 6	1422	Auguſt 31	38	y	6	m	16	d	276	Henry	5
Edward 4	1461	March 4	22	y	1	m	8	d	237	Henry	6
Edward 5	1483	April 9	0	y	2	m	18	d	215	Edward	4
Richard 3	1483	June 22	2	y	2	m	5	d	215	Edward	5
Henry 7	1485	Auguſt 22	23	y	10	m	24	d	213	Richard	3
Henry 8	1509	April 22	37	y	10	m	2	d	189	Henry	7
Edward 6	1547	Jan. 28	6	y	5	m	19	d	151	Henry	8
Q. Mary	1553	July 6	5	y	4	m	22	d	145	Edward	6
Q. Elizabeth	1558	Nov. 17	44	y	4	m	15	d	140	Q. Mary	
James 1	1603	March 24	22	y	0	m	3	d	96	Q. Elizabeth	
Charles 1	1625	March 27	22	y	10	m	3	d	73	James	1
Charles 2	1648	Jan. 30	36	y	0	m	0	d	49	Charles	1
James 2	1685	Febr. 6	4	y	0	m	0	d	13	Charles	2
William 3 Mary 2	1688	Febr. 13	Whom God grant long to Reign.						9	James	2

The Uſe of the Table in Example.

King *Henry* 8 began his Reign in the Year of *Chriſt* 1509. *April* 22 He reigned 37 years, 10 months, and 2 days. It is ſince he began his Reign 189 Years compleat the 22 of *April* this Year 1698. Now to know the time ſince the end of his Reign before his Name ſtanding on the right hand, you ſhall there find 151 Years ſince he died, *Jan.* 28. and ſo of the reſt.

SWALLOW.

SWALLOW.

The latter part of this

ALMANACK

for the Year of our

LORD GOD

1698.

Being the ſecond after Biſſextile or Leap-year, and from the Conqueſt of *England* by *William* Duke of *Normandy* 632 years.

Wherein is contained an account of the Eclipſes, the time of the Sun's entrance into the four Cardinal Signs. Likewiſe the Moveable Feaſts and diverſities of Eaſter, with the reaſon of our difference and the *Romans*: With many good Receipts ſhewing how to cure many principal Diſeaſes, incident to Horſes, Cows and Sheep: Alſo Tables and Rules how to meaſure Board and Timber, a Table of Intereſt, Tables for Purchaſing and putting out of money for Intereſt upon Intereſt, as alſo a Table ſhewing the riſing and ſetting of the Sun, *&c.* with the Fairs in a larger manner than formerly.

Frigidus & ſiccus Satur. Jup. *æſtuat udus.*
Mars & Sol *ſicco fervent: ſed*, Luna Venuſque
Udæ frigeſcunt: medius Cyllenius *eſto.*

CAMBRIDGE,
Printed by *John Hayes*, Printer to the Univerſity, 1698.

The Eclipſes for the year 1698.

THIS year 1698 will happen Two *Solar* Eclipſes but not viſible.

The firſt Eclipſe of the Sun will be on *March* the 31 day, about Sun-ſetting, which will be inviſible to us in *England*; yet it will be in it ſelf a great Eclipſe.

The ſecond Solar Eclipſe happens on the 24 of *Septemb.* about four of the Clock in the morning, eleven degrees in the Celeſtial Ballance, and will be a great Eclipſe but not viſible in *England.*

The 29 of *Auguſt* this year a Famous Conjunction will happen of *Jupiter* and *Mars*, in 22 degrees of *Scorpio*. It portends afflictions to the Northern parts of the world, the event of which I leave to time to tell.

The Suns entrance into the four Cardinal Signs.

HE enters ♈, *March* the 11, 44 minutes paſt 4 in the morning, and then begins our Spring Quarter.

He enters ♋ *June* the 12, 04 minutes paſt 6 in the morning, and then begins our Summer Quarter.

He enters ♎, *September* the 13, 12 minutes paſt 10 in the forenoon, and then begins our Autumn.

He enters ♑, *December* the 12, 4 minutes paſt 10 at night, and then begins our Winter Quarter.

The World began	5701
Noah's Floud	4046
The birth of *Abraham*	3695
The birth of *Isaac*	3593
The birth of *Jacob*	3434
The birth of *Joseph*	3442
Joseph was sold by his Brethren	3424
Jacob went down into *Egypt*	3403
Moses was born	3268
The giving of the Law upon *Mount Sinai*	3188
Moses died	3148
David began to reign	2752
Solomon began to build the Temple	2709
Nebuchadnezzar burnt it	2285
Zorobabel began again to build it	2215
The building of the Tower in *London*	2116
Alexander the Great died	2021
The building of *Cambridge*	1998
Julius Cæsar conquered *Britain*	1749
The destruction of *Jerusalem* by *Titus*	1628
S. *John* wrote his Revelation	1604
Lucius the first Christian King began	1518
Constantine the first Christian Emp. began	1374
Cambridge was made an University	1064
The first Mayor of *London*	508
The invention of Guns	318
The invention of Printing	258
Tilbury Camp on S. *James* his day	110
The Powder Treason, *Novemb.* 5.	93
The beginning of the Great Frost, *Novemb.*	93
The last great Plague in *London*	33
London almost consumed by fire	32
S[t] *Edmund-Bury Godfry* was Murthered *Octob.*	20
Monmouth was beheaded *July* 15.	13
King *James* II. Abdicated in *December* 1688.	10
K. *William* and Q. *Mary* Crown'd *Apr.* 11. 1689.	9

Since

Of the Moveable Feasts, and diversities of Easter, with the reason of our difference and the Romans.

THE Moveable Feasts are so called because they have no fixed place in the Kalender, and are Six in number, *viz.* Septuagesima, Quadragesima, Easter, Rogation Sunday, Ascension-day, and Whit-Sunday.

Septuagesima is so called of 70, as it were containing 70 days, which the Church doth observe in remembrance of the 70 years that the children of *Israel* were under the *Babylonish* Servitude, and is always 3 Sundays before Quadragesima.

Quadragesima is simply said of 40, as containing 40 days which the Church recounts in remembrance of the 40 days that *Moses* fasted, when he received the Laws of our Lord: *Elias* fasted so many days, and so many days fasted Christ before the Tempter came; and because the Actions of Christ should be instructions to us, therefore we should endeavour to fast so many days.

Easter is the principal of all other Feasts, and so ordained by God at first, and at this day there be three sorts, that is, *Pascha Hæbræorum*, the Jews Easter, *Pascha verum*, or our Easter; and *Pascha novum*, the Romans Easter. The *Jews* Easter was commanded to be kept the 14th day of the first month, called *Abib*, which day at even was the Lords Passover: and the 15th day should be the holy Convocation, as you may see *Exod.* chap. 12. ver. 18. *Levit.* 23. 5. *Deut.* 16 1. *Numb.* 28. 16. *Esdras* 7. 10. And this 15 day is taken for the first day after the first full Moon, happening after the Spring Equinoctial: which institution the *Jews* altered holding a superstitious opinion of days, and thereby would not keep their Easter upon a Munday, Wednesday or Friday breaking thereby the commandment of God, like stiff necked people, as in the 2 of *Kings* chap. 23. ver. 22.

O

Our Easter was ordained 322 years after the Incarnation: for *Constantinus Magnus* noting the errours risen amongst the Congregation of the Christians, and the many contentions that continually rose after the Apostles time, about the Celebration of Easter, assembled from all Nations 318 Bishops, and other learned, as well *Greeks*, as *Latins* and *Egyptians*, such that could withall well determine the motions of the Celestial bodies: amongst whom was *Eusebius* Bp. of *Cæsaria* chief, being an excellent Mathematician, and he kept them there 2 years upon his own cost and charges and so 323 after the Incarnation, there was a new *Decemnoval*, or Golden Number instituted, differing then from that the *Romans* used, which made it the longer before they would consent to it: for by this new Circle Easter should be Celebrated upon the Sunday next following the first Full Moon that should happen after the entrance of the Sun into *Aries*, and this new institution continued not passing 7 years after the Nicene Councel: for in 330 there fell differences betwixt the *Romans* and the *Greeks*, about the same, which continued 200 years, and then in the time of *Justinianus* the Emperour, *Dionysius Abbas*, a worthy *Roman*, *Anno* 527, began to draw Paschal Tables, and Rules Ecclesiastical, according as it was ordained at the former Council, which he finished *Anno* 532. And then at a Council at *Calcedon* it was established, that whosoever held any other Easter then that after the statutes of *Rome*, should be counted an Heretick, and therefore till 1582, no man durst presume to alter the Easter, though they saw the Equinoctial still fly backwards from the 21 of *March*, insomuch that it is now about the 11 of *March*, by reason of which anticipation, sometimes there happens 2 Full Moons before we can keep our Easter, which was the cause the *Romans* altered their Kalender, and thereby sometimes there is 28 days difference betwixt us and them, as *Anno* 1557, 60, 71, 84: and 87.

alſo there may happen 35 days, as in *Anno* 1555, 68, 76, 79, in all which years there happens two full Moons betwixt our Eaſter and the Spring Equinoctial, ſo did it 1595, and more lately, in 1603, and ſo 622. The which inconvenience the *Romans* finding, reformed their Paſchal Tables, whereby they always produce Eaſter the Sunday following the firſt full Moon, according to the aforeſaid firſt general Councel held at *Nice* in *Pontus*, 322 years after the Incarnation. But now whether it will be beſt for us to alter our Tables and Kalender according to that Councel I will not preſume to argue. If ſome ſay, all Chriſtians uſed this we do 1055 years, I anſwer the *Nicene* Councel made no reſpect of the ſmall want that the day in every Leap-year wanted of 24 hours, being but 47 minutes, 12 ſeconds: but ſince there is paſſed 1289 years to the year 1611, whereby the Equinoctial is gone before the 21 of *March* (as it was then obſerved) ten days: and this is the cauſe of the difference betwixt us and the *Romans*, whereby the Aſtronomers are forced in their Regiſters to diſtinguiſh thus betwixt us and them, *Annus novus* and *vetus*, and ſo of the Kalender, and of Eaſter, and the other Moveable Feaſts as before: but this place is too ſhort for an ample diſcourſe.

Now Eaſter hath divers names according to the diverſity of Nations: with the *Hebrews* it is call'd *Paſcha*; with the *Greeks Baſis*; and with the *Latins Tranſitus*; with us Eaſter.

Rogation Sunday is ſo called becauſe *nos Rogat Eccleſia*, the Church commanded us to continue faſting, proceſſions and prayers, as well againſt the bodily Wolves, ſuch as late were in *France*, as alſo againſt the Spiritual Wolves.

Pentecoſt is ſo called from πεντηκοστος which is *Quinquageſimus*, becauſe there be 50 days betwixt Eaſter and Whitſunday incluſively, and this time the Church obſerveth

veth in remembrance of the Law given unto *Moſes* in the burning Mount, as alſo in memorial of the Holy Ghoſt, that appeared to the Apoſtles like Cloven tongues, as you may read *Acts* 2. 1.

And theſe be called Moveable Feaſts, for that they have not any fixed place in the Kalender, by reaſon of the Celebration of Eaſter, whereupon the finding of all the reſt depend.

The Nature of the four principal Winds, and their effects.

1. *Subſolanus*, or the Eaſt-wind, is hot and dry, temperate, ſweet, pure, ſubtile, and healthful, and eſpecially in the morning, when the Sun riſeth, by whom he is made more pure and ſubtill, cauſing no infection to mans body, but expelling it.

2. *Zephyrus*, or the Weſt-wind, is temperate, hot and moiſt, and wholeſome, eſpecially in the evening; it diſſolveth froſt, ice and ſnow, and maketh flowers and graſſe to ſpring, and ſome write that it produceth thunder.

3. *Septentrio*, or the North-wind, is for the moſt part cold and dry, repelling moiſture and rain, And though it cauſe cold and numneſs, ſo nipping the earth, and many times the forwa d buds of the Spring, yet it driveth away all noyſome ayres, and ſo is a means to preſerve health.

4. *Auſter* or *Notus*, the South wind is hot and moiſt, breeding thick clouds and ſickneſs.

Several good Receipts ſhewing how to cure many principal diſeaſes, incident to Horſes, Cows and Sheep.

A Medicine for the Yellows.

LET the Horſe blood in the neck, in the mouth and under the Eye, then take two peny-worth of Saffron, which being dryed and made into fine powder, mix it with ſweet Butter, and make it in the manner of a Pill, give it in balls to the Horſe three mornings together, let his drink be warm, and his hay be ſprinkled with water.

To cure the hungry evil.

Give the Horſe to drink Milk, and wheat-meal mixed together, a quart at a time, and ſo feed him with provender, by little and little, till he forſake it.

A remedy for the Frenzy, Head-ach, and Staggers in Horſes.

The ſign to know this diſeaſe by, is uſually the hanging down of his head, watry eyes, and reeling of his body; and the cure is to let the horſe blood in the neck three mornings together, and every morning take a quantity of this drink following. Take a quart of Ale, and boil in it a big white-bread loafe cruſt, then take it from the fire, and diſſolve three or four ſpoonfulls of honey into it, then lukewarm give it to the horſe to drink, and cover over his temples with a plaiſter of Pitch, keep his head exceeding warm, let his meat be little, and his ſtable dark; give him two ounces of Diapente, in Muſcadine or honey, after the ſame manner, it is a good cure.

To

To cure Bots and Worms of all ſorts.

Get the leaves choped of the herb Savine, and mix it with honey and butter, and make two or three balls thereof, and make the horſe ſwallow them down, and it will help him. *probatum eſt.*

A cure for the Cramp, or the Convulſion of the Sinews.

The Cramp is the drawing the Sinews together, or any of ones members; but the Convulſion, is when the whole body is generally contracted and ſtifned: The way to cure it, is firſt to chafe and rub the members contracted with Vinegar and common oyl, and then to bind it all over with wet hay, or elſe with woollen or linnen cloaths wet, either of which is not amiſs.

To cure the Glaunders.

Take Auripigmentum two Drams, of Tuſſilaginis made into powder, as much; mix them together with Turpentine, till they be like paſte, make thereof little cakes, dry them before the fire, then take a Chafingdiſh of Coals and lay two of the Cakes thereon, cover them with a tunnel, and when the ſmoak riſeth, hold the Chafingdiſh, guiding the tunnel into the horſe's noſtrils, and let the ſmoak go up into his head, which done, ride the horſe till he ſweat, do thus every morning before he be watered till the running of his noſtrills ceaſe, and the kernels under his chaps be gone.

A cure for the Scab or Mange in Horſes.

Take freſh greaſe or yellow Arſnick, and mix them together, and where the Mangineſs or Itch is, there rub it hard, the ſore being made to run.

For the Plague in the Guts, and ſuch like infections.

Take of Selander roots, leaves and all, one handfull, as much Wormwood, and the like quantity of Rue, waſh them well, and then bruiſe them in a mortar, which being done, boyl them well in a quart of Ale, then ſtrain them, and add to the liquor a quarter of a pound of ſweet Butter, and being lukewarm, give it to the Horſe.

To cure the Pain in the Kidnies, or Stone in a Horſe.

Take a handfull of Maiden hair, and ſteep it all night in a quart of ſtrong Ale, give it the horſe to drink every morning till he be well; this will break any ſtone in a horſe.

To defend a horſe from the Flies.

Take the juice of Pellitory of *Spain*, mix it with Milk and anoint the horſe's belly with it, and no Flies will trouble him.

For broken bones, or bones out of joynt in Horſes.

Firſt place the bones in the right places, then take Periſmand and beat it in a Mortar, with the Oyl of ſwallows, anoint the members broken, then ſplinter it up, and rowl it up, and in fifteen days time the bone will be ſtrong.

Remedies for ſeveral diſeaſes incident to Cowes and Oxen.

For the diſeaſes in the Guts, Flix or Collick.

TAke a handfull of the ſeed of wood-roſes, dry it and beat it to powder, brew it with a quart of ſtrong Ale, and give it the beaſt to drink.

For

For the Peſtilence or Murrain.

Take of old Urine a quart, and mix it with a quantity of Hens Dung, diſſolve it in it, and let the beaſt drink it.

For the general Scab or Scurf in Cattle.

If it be only in one place, anoint that place with black Soape and Tarr mixed together, but if it be over the whole body, then firſt let the beaſt blood, and then waſh the ſcabs with old Urine and green Copperas together, and after that anoint the body with boars greaſe and brimſtone mixed together.

For eating any Poiſonous thing.

Take a pint of ſtrong Vinegar, and half ſo much oyl, and two ſpoonfulls of *London* Treacle, and mix it together on the fire, and give it the beaſt warm to drink, and it certainly cures him.

For killing of worms in Oxen and Cows.

Take Savin choped ſmall, and beaten with ſweet butter, and ſo give it in round balls to the beaſt, or elſe uſe ſweet wort and black ſoape mixed.

For preſerving Sheep from the Rot.

Take Adrates, which is a certain ſalt gathered from the Marſhes in the heat of ſummer, with this rub the mouth of the ſheep once a week, and you never need fear rotting of your ſheep.

For the ſtaggers in Sheep or Lambs.

Take Aſſafetida and diſſolve it in warm water, and put the quantity of half a ſpoonfull into each ear of the ſheep or Lamb and it will be a ſpeedy remedy.

Forreign

Foreign Coin reduced to Engliſh *Money.*

Spaniſh Money.

6 Conrados, 54 Mervids, 11 Ryals, 8 Ryals, 4 Quartilliards	make 1	Mervid; Ryal or 6 d. *Engliſh*; Ducat; Piece of 8, or 4 s. *Engliſh.*

Portugal Money.

40 Res, 2½ Ryals, 4 Teſtoons or 10 Ryals, 2⅓ Ducats	Makes 1	Ryal or 6 d. *Engliſh.*; Teſtoon; Ducat; Milti of Gold.

French Money.

12 Deniers, 20 Soulx, 15 Solix, 4 Carducas	Make 1	Soulk; Frank or Liver; Cardeque; Crown.

Scotch Money

1 Small Piece, 3 Small Pieces, 2 Nobles *Scotch*, 3 Nobles *Scotch*	Make	2 d 1 q *Engliſh*; 1 Noble *Scotch* or 6 d. ¾ *Engl.*; 1 Mark or 13 d. ½ *Engl.*; 1 l. *Scotch* or 2 d. *Engl.*

Flemiſh Money.

8 Pence, 2 Groats, 20 Single Stivers, 20 Sin. Stiv. or 10 Doub. Stiv., 6 Guilders	is	1 Groat; 1 Single Stiver; 1 Doub. Stiv. or 3d. 1 q. *Eng.*; 1 Guilder 3 s. 4 d. *Engl.*; 1 Pound.

A plain and easie Table shewing the true Interest due upon any Sum of Money from five Shillings to an Hundred Pounds, for a Year or under, after the rate of Six Pounds in the Hundred.

		1 month.			3 months			6 months			9 months			A Year.		
		sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.	sh.	p.	q.
Shil.	5	0	0	1	0	0	3	0	1	3	0	2	2	0	3	2
	10	0	0	2	0	1	3	0	3	2	0	5	0	0	7	0
	15	0	0	3	0	2	2	0	5	1	0	8	2	0	10	2
Pounds.	1	0	1	0	0	3	2	0	7	0	0	10	2	1	2	1
	2	0	2	1	0	7	0	1	2	1	1	9	1	2	4	2
	3	0	3	2	0	10	2	1	9	1	2	7	3	3	6	3
	4	0	4	3	1	2	1	3	4	2	3	6	3	4	9	0
	5	0	6	0	1	6	0	3	0	0	4	6	0	6	0	0
	6	0	7	0	1	9	2	3	7	0	5	4	2	7	2	1
	7	0	8	1	2	1	0	4	2	1	6	3	1	8	4	2
	8	0	9	2	2	4	2	4	9	1	7	1	3	9	6	3
	9	0	10	3	2	8	1	5	4	2	8	0	3	10	9	0
		po.	sh.	p.	po.	sh.	p.	po.	sh.	p	po.	sh.	p.	po	sh.	p.
Tens of Pounds.	10	0	1	0	0	3	0	0	6	0	0	9	0	0	12	0
	20	0	2	0	0	6	0	0	12	0	0	18	0	1	4	0
	30	0	3	0	0	9	0	0	18	0	1	7	0	1	16	0
	40	0	4	0	0	12	0	1	4	0	1	16	0	2	8	0
	50	0	5	0	0	15	0	1	10	0	2	5	0	3	0	0
	60	0	6	0	0	18	0	1	16	0	2	14	0	3	12	0
	70	0	7	0	1	1	0	2	2	0	3	3	0	4	4	0
	80	0	8	0	1	4	0	2	8	0	3	12	0	4	16	0
	90	0	9	0	1	7	0	2	14	0	4	1	0	5	8	0
	100	0	10	0	1	10	0	3	0	0	4	10	0	6	0	0

Find the Principal in the first Column, and in the other you have the Interest due for One, Three, Six, Nine, or Twelve months.

Of

Of Weights and Measures.

Of *Troy* Weight.

24 Grains	MAKE	1 Peny w.
20 Peny weig.	MAKE	1 Ounce.
12 Ounces	MAKE	1 po. *Troy*

Apothecaries Weight.

20 Grains	MAKE	1 Scruple.
3 Scruples	MAKE	1 Dram.
8 Drams	MAKE	1 Ounce.
12 Ounces	MAKE	1 Pound.

Of *Averdupois* Weight, a Pound whereof is equal to 14 Ounces, 12 peny weight *Troy*; by which Weight is weighed any thing which beareth the Name of Garbel in this kind of weight.

16 Drams	MAKE	an Ounce.
16 Ounces	MAKE	a Pound.
28 Pound	MAKE	1 Quarter.
4 Quarters	MAKE	1 H. or 112
20 Hundreds	MAKE	1 Tun.

Of Liquid Measure

2 Pints	MAKE	1 Quart.
2 Quarts	MAKE	1 Pottle.
2 Pottles	MAKE	1 Gallon
8 Gallons	MAKE	1 Firkin of Ale, Sope, Herrings
9 Gallons	MAKE	1 Firkin of Beer.
10 Gall ½	MAKE	1 Firkin of Salmon or Eels.
2 Firkins	MAKE	1 Kilderkin
2 Kilderk.	MAKE	1 Barrel.
42 Gallons	MAKE	1 Tierce of Wine.
63 Gallons	MAKE	1 Hogſhead
2 Hogſh.	MAKE	1 pipe, Butt.

Dry Measure.

2 Gallons	MAKE	1 Peck.
4 Pecks	MAKE	1 Buſhel land meaſ
5 Pecks	MAKE	1 Buſhel wat. meaſ.
8 Buſhels	MAKE	1 Quarter.
4 Quarters	MAKE	1 Chalder.
5 Quarters	MAKE	1 Wey.

Long Measure.

3 Barly Corns	MAKE	1 Inch.
12 Inches	MAKE	1 foot.
3 feet	MAKE	1 Yard.
3 feet 9 Inth.	MAKE	1 Ell.
6 feet	MAKE	1 fathom
5 yards and ½	MAKE	1 Pole.
40 Poles	MAKE	1 furlong.
8 furlongs	MAKE	1 *En.* mile

Land Measure.

1 Pole in breadth and 40 in length make a Rood of Land.
4 Roods make an Acre, wch contains 160 ſquare Pole.

Cloath Measure.

4 Nails	MAKE	1 Quarter.
4 Quarters	MAKE	1 Yard.
5 Quarters	MAKE	1 Ell.
3 Quarters	MAKE	1 Ell *Flem.*

A Table shewing how many Inches in Length makes one Foot of Timber, according to the Compass of any Round Piece of Timber.

The Compass of the Tree in Inches.

Com.	In.	parts.	Com.	In.	parts	Com.	In.	parts
10	217	15	40	13	572	70	4	432
11	179	46	41	12	916	71	4	308
12	150	80	42	12	310	72	4	198
13	128	49	43	11	744	73	4	75
14	110	79	44	11	211	74	3	965
15	94	312	45	10	723	75	3	861
16	84	822	46	10	262	76	3	760
17	75	137	47	9	830	77	3	663
18	67	20	48	9	425	78	3	569
19	60	151	49	9	44	79	3	479
20	54	286	50	8	686	80	3	393
21	49	228	51	8	349	81	3	310
22	44	865	52	8	30	82	3	230
23	40	904	53	7	730	83	3	152
24	37	690	54	7	447	84	3	75
25	34	743	55	7	178	85	3	0
26	32	122	56	6	924	86	2	936
27	29	787	57	6	684	87	2	869
28	27	697	58	6	455	88	2	804
29	25	820	59	6	238	89	2	742
30	24	127	60	6	30	90	2	681
31	22	596	61	5	836	91	2	622
32	21	206	62	5	649	92	2	566
33	19	936	63	5	471	93	2	511
34	18	784	64	5	301	94	2	458
35	17	736	65	5	140	95	2	406
36	16	755	66	4	985	96	2	356
37	15	862	67	4	837	97	2	307
38	15	38	68	4	696	98	2	261
39	14	276	69	4	561	99	2	216
						100	2	173

The use of the Table.

First girt the Piece about, then look the length of that Girt under the title Com. and against it is the length of a Foot solid in Inches and parts of Inches.

Example.

Suppose a piece of Timber be 80 Inches about, then look 80 under the title Com. and against it in the next Column toward the right hand is 3 Inches and 393 decimal parts of an Inch, (that is 393 thousand parts, supposing the Inch to be divided into 1000 parts) for the length of a Foot.

For Square Timber.

Divide always 1728. (the Cubick inches in a foot solid) by the Content at the end, and the Quotient shews the length of a foot solid in Inches.

Example.

Let a piece of Timber be 12 Inches broad and 10 Inches deep at the end, and then the Content will be 120 Inches, which dividing 1728 the Quotient is 14 Inches, and $\frac{48}{120}$ parts for the length of a foot solid.

For Boards.

Divide always 144 (the Inches in a foot square) by the breadth, and the Quotient shews the length of a foot square in Inches.

Example.

If a board be 16 Inches broad, then 144 divided by 16 the Quotient is 9 Inches for the length of a foot according to that breadth.

For Circles.

If the Circumference be given, multiply it by it self, and then by 7, the last product divide by 88, and the Quotient shews the Content: if the Diameter be onely given, multiply it by it self, and then by 11 the last product divide by 14 and the Quotient shews the Content.

A Table of the hour and minute of Sun-rising every second day.

days	Fanuar.		Februa		March		April		May		June	
	ho.	mi	ho	mi	ho.	mi	ho.	mi.	ho	mi.	ho.	mi.
2	8	4	7	15	6	16	5	14	4	21	3	46
4	8	1	7	11	6	12	5	10	4	17	3	45
6	7	58	7	7	6	8	5	6	4	14	3	44
8	7	56	7	3	6	4	5	2	4	11	3	43
10	7	53	6	57	6	0	4	58	4	7	3	43
12	7	51	6	53	5	56	4	54	4	5	3	43
14	7	48	6	50	5	52	4	50	4	2	3	43
16	7	45	6	46	5	48	4	46	4	0	3	44
18	7	43	6	42	5	44	4	43	3	58	3	45
20	7	40	6	38	5	40	4	39	3	56	3	46
22	7	37	6	34	5	36	4	35	3	54	3	47
24	7	33	6	30	5	32	4	32	3	52	3	48
26	7	29	6	26	5	29	4	29	3	50	3	49
28	7	25	6	22	5	25	4	25	3	48	3	50
30	7	21	0	0	5	21	4	22	3	47	3	52

days	July		Auguſt		Septem		Octob		Nov.		Decem	
	ho	mi	ho	mi	ho	mi.	ho	mi	ho	mi	ho.	mi
2	3	54	4	39	5	39	6	41	7	37	8	15
4	3	56	4	43	5	42	6	45	7	40	8	15
6	3	58	4	46	5	46	6	49	7	44	8	16
8	4	0	4	50	5	50	6	52	7	47	8	17
10	4	3	4	54	5	54	6	56	7	51	8	17
12	4	6	4	58	5	58	7	0	7	54	8	17
14	4	8	5	2	6	2	7	4	7	57	8	17
16	4	11	5	6	6	6	7	8	7	59	8	16
18	4	15	5	10	6	11	7	12	8	1	8	15
20	4	18	5	14	6	15	7	15	8	3	8	15
22	4	21	5	18	6	20	7	19	8	5	8	14
24	4	24	5	21	6	24	7	22	8	7	8	12
26	4	27	5	25	6	28	7	25	8	9	8	10
28	4	30	5	29	6	32	7	29	8	11	8	9
30	4	34	5	32	6	36	7	32	8	13	8	7

ek the day on the ſide; and right againſt it, in every month, you have the hour and minute of the Sun-riſing.

ok how many minutes the Sun riſes after 3, 4, 5, 6, 7, 8. So many he ſets before 9, 8, 7, 6, 5, 4.

A Table of Annuities and Reversions.

What 1 pound to be paid any number of years hence, under 31, is worth in ready money.				What 1 lb. Annuity to continue any time under 31 years is worth in ready money at 6 per cent.				What 1 pound will amount to at any time under 21 year reckoning Interest upon Interest.			
	sh.	d.	q.	lb.	sh.	d.	q	lb.	sh.	d.	q
1	18	10	2	0	18	10	2	1	1	2	2
2	17	9	2	1	16	8	0	1	2	5	2
3	16	9	2	2	13	5	2	1	3	9	3
4	15	10	0	3	9	3	2	1	5	3	0
5	14	11	1	4	4	3	0	1	6	9	0
6	14	1	1	4	18	4	1	1	8	4	2
7	13	3	2	5	11	7	3	1	10	0	3
8	12	6	2	6	4	2	1	1	11	10	2
9	11	10	0	6	16	0	1	1	13	9	2
10	11	2	0	7	7	2	1	1	15	9	3
11	10	6	2	7	17	8	3	1	17	11	2
12	9	11	1	8	7	8	0	2	0	3	0
13	9	4	2	8	17	0	2	2	2	7	3
14	8	10	0	9	5	10	3	2	5	2	2
15	8	4	0	9	14	3	0	2	7	11	1
16	7	10	2	10	2	1	2	2	10	9	2
17	7	5	0	10	9	6	2	2	13	10	2
18	7	0	0	11	16	6	2	3	17	1	0
19	6	7	1	11	3	2	0	3	0	6	0
20	6	2	3	11	9	4	3	3	4	1	3
21	5	10	2	11	15	3	1	3	7	11	3
22	5	6	2	12	0	10	0				
23	5	2	3	12	6	0	3				
24	4	11	1	12	11	0	0				
25	4	7	2	12	15	8	0				
26	4	4	3	13	0	0	3				
27	4	1	3	13	4	2	2				
28	3	11	0	13	8	1	3				
29	3	9	1	13	11	9	2				
30	3	5	3	13	15	3	2				

By this Table you may readily find the increase of any other summ for such a number of years: for if 1 come to so much then such suppose 5 lb will come to 5 times as much &c.

The

The use of the Tables.

THE first Table shewing the decrease of one Pound yearly at 6 *per cent.* may be used in buying Reversions, &c. As suppose a parcel of Land or House or the like, whose fee simple or real worth is 200^{lb}, and it be Mortgaged or Leased out for 20 years, then what is the Reversion thereof after that 20 years worth in ready Money? for answer, I look against 20 years and find that the Reversion of one Pound after 20 years is worth but 6^{sh} 2^{d} 3^{q}, then if 1^{lb} be worth 6^{sh} 2^{d} 3^{q}, 200^{lb} will be 200 times as much, which will be 62^{lb} 5^{sh} 10^{d} for the value of the reversion required.

The second Table may be used in buying of Leases, &c, as suppose I am to buy a Lease of 10^{lb} *per annum*, for 21 years, what ready money may I give at the rate of 6^{lb} *per cent. per ann.* for answer, I look against 21 years and find that 1^{lb} annuity to continue 21 years is worth in ready money 11^{lb} 15^{sh} 3^{d} 1^{q}, then I say if 1^{lb} annuity for 21 years be worth 11^{lb} 15^{sh} 3^{d} 1^{q}, then 10^{lb} annuity for the same time will be worth 10 times as much, which will be 117^{lb} 12^{sh} 8^{d} 2^{q}, for the value of the Lease required.

The third Table may be used in putting out money for a certain time at 6^{lb} *per cent. per ann.* as suppose 20^{lb} be put out for 7 years what will it amount to in that time, reckoning Interest upon Interest? For answer, I look against 7 years, and find that 1^{lb} will amount to in that time 1^{lb} 10^{sh} 0^{d} 3^{q}, then I say 20^{lb} will amount to 20 times as much, which will be 30^{lb} 1^{sh} 3^{d}.

The use of the following Table is plain and easie, for suppose I am to find *Easter* this present year 1698. the having found the Golden Number 8, and Dominical Letter B at the bottom of the Table, I look under the Dominical Letter B at the top, and right against the Golden Number 8 at the left hand, and in the Common angle of meeting I find *April* 24. *Easter* Day.

A Table shewing how to find Easter for ever by the help of the Golden Number and Dominical Letter.

G.N	A	B	C	D	E	F	G
i	*Apr.* 9	10	11	12	6	7	8
ii	*Mar.*26	27	28	29	30	31	*apr.* 1
iii	*Apr* 16	17	18	19	20	14	15
iv	*Apr.* 9	3	4	5	6	7	8
v	*Mar.*26	27	28	29	21	24	25
vi	*Apr.*16	17	11	12	13	14	15
vii	*Apr.* 2	3	4	5	6	*mar.*31	*apr* 1
viii	*Apr.*23	24	25	19	20	21	22
ix	*Apr.* 9	10	11	12	13	14	8
x	*Apr.* 2	3	*mar.*28	29	30	31	*apr.* 1
xi	*Apr.*16	17	18	19	20	21	22
xii	*Apr.* 9	10	11	5	6	7	8
xiii	*Mar.*26	27	28	29	30	31	25
xiv	*Apr.*16	17	18	19	13	14	15
xv	*Apr.* 2	3	4	5	5	7	8
xvi	*Mar.*26	27	28	22	23	24	25
xvii	*Apr.*16	10	11	12	13	14	15
xviii	*Apr.* 2	3	4	5	*mar.*30	31	*apr.* 1
xix	*Apr.*23	24	18	19	20	21	22

Year of our Lord	1691	1692	1693	1694	1695	1696	1697
G.N.	1	2	3	4	5	6	7
D. Le.	D	CB	A	G	F	ED	C

The

The Names of the principal Fairs in England, *as they have heretofore been ſet forth by others, and are now Corrected and continued for the common good.*

January.

THE 5 day at Hicetford in Lancaſhire, the 6 day at Saliſbury, Tueſday after at Melton-Mowbray, the Thurſday after at Banbury: the third Tueſday in January at Potton: the 25 at Graveſend, Briſtoll, Churchinford; Norhallerton in Yorkſhire every Wedneſday from Chriſtmas till June.

February.

The 1 day at Bromley in Lancaſhire, the 2 at Reading in Barkſhire, at Maidſton, Bickleſworth, Bicklesfield, Bath, Lyn, Bugworth: the 6 day at Stafford for 6 days: the 14 at Oundle, Feverſham: 24 at Henley upon Thames, Baldock: On Aſhwedneſday at Royſton, Dunſtable, Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Ciceter. The firſt Thurſday in Lent at Banbury: the 26 at Stanford an Horſe Fair.

March.

The 3 day at Bromel-brakes in Norfolk, 4 at Bedford, at Oakham: 12 at Aſſome in Norfolk, Sudbury, Wooburn, Stanford, at Wye: 13 at Bodwin in Cornwall: 20 at Durham. Alesbury: Munday before our Lady day at Kendal, at Wisbich. 25 at Huntington, Northampton, Malder, Aſhwell in Hartfordſhire, Newcaſtle, Oney, S. Albans: Midlent Saturday at Saffron-Walden: Palmſunday-eve at Wisbich, Worceſter, Pomfret, on Goodfriday at Norwich, the Tueſday before Eaſter at Potton.

April.

Eaſter Munday at Oney in Bedfordſhire, Gainsborough. Eaſter Tueſday at Dainry in Northamptonſhire, Godmanchester, Schole in Norfolk, S Edmunds-bury. On Wedneſday at Wellingborough in Northamptonſh. On Friday

in the ſame week at Darby. On Saturday at Bickleſworth: 2 day at Hitchin, at Rochford, Northfleet: 5 at Wallingford: 7 at Derby, 9 at Billingſworth, Bickleſworth: the 22 at Stabford, 23 at Ipſwich, Harbin in Norfolk, Northampton, Sapſar in Hartfordſhire, Charing, Hinningham, Tamworth, Bury in Lancaſhire. S[t] Pombs in Cornwal, Ampthill, Chicheſter, Engfield, Gilford, Biſhops-Hatfield: the 25 at Buckingham, at Bourn in Lincolnſ. at Colebrook, Dunmow in Eſſex, Darby, Oakham in Rutlandſhire: the 29 at Tenderden in Kent, Cleet. 30 at Beverly a week together.

May.

The 1 day at Swaffam, Haveril in Eſſex, Laytonbuzzard in Huntingtonſhire, Rippon in Yorkſ. Reading, Maidſtone, Chelmford, Leiceſter, Litchfield, Lexfield in Suffolk, Stow, Stanſted, Tuxford in the Clay, the 3 day at Elſtow in Bedfordſhire, Noneaton in Warwickſ. Thetford in Norfolk, Waltham Abby, Hinningham, Rochdale, Bramyard, the 6 at Alneſbury, at Athford, 7 at Newton in Lancaſhire, Beverly, Oxford, Bath: the 8 at Maidſtone: the 11. 12. 13 at Applechaw, 19 at Rocheſter, Dunſtable, Magfield in Suffolk. On Rogation Munday at Reach. On Aſcenſion day at Thaxted, Beverly Rippon, Sudminſter, Biſhopſtratford, S. Neots, Wickham in Lancaſhire, Middle-wich in Cheſhire, Chappel-Frith in Darbiſh. On Whitſun-even at Skipton in Craven. On Whitſun-Munday at S. Ives, Rygate in Surry, Bickleſworth, Bradford, Agmunſham in Buckinghamſh. On Whitſun-Tueſday at Newmarket. On Wedneſday at Royſton. Thurſday at Owndle in Northamptonſ. 26 at Lenham, 29 at Crainbrook.

June.

Trinity-even at Rowel, Kendal. On Corpus Chriſti day at Banbury, Biſhop Stratford, S. Neots, Coventry, Newbury. The 3 at Alesbury: 9 at Maidſtone. 11 at Breme in Norfolk, Bardfield in Eſſex. 17 at Hadſtock, 23 at S. Albans, Deerham in Norfolk, Shrewsbury, 24 at Halſon in Suffolk, Barnwel by Cambridge, Bedford, Colcheſter, Hartford,

Hartford, Leiceſter, Rumford, Reading, Windſor, Halliſax, York, Beverly, Haſlingden, 26 at Briſtol, Darby. 27 at Burton on Trent, Folſtone. 28 at S. Pombs in Cornw. 29 at Peterborough, Aſhwel, Sudbury, Stebbing in Eſſex. Benington in Hartfordſhire.

July.

The firſt Tueſday at Potton. The 1, 2, 3 days at Congleſtone in Cheſhire, 7 at Royſton, Burntwood. The Munday after at Fodringham, at Canterbury: the 11 at Partney, 17 at Stevenage: 20 at Uxbridge, Coolidge, Woodſtock. The 22 at Ickleton, Bickleſworth, Norwich, Colcheſter, Newark upon Trent; 25 at Audley-end by Walden, Reading, Baldock, Darby, Dover, Erith, Ipſwich, Stamford.

Auguſt.

The firſt day at Bedford, S. Neots, Dunſtable, Feverſham, Wisbich, Bickleſworth, Thaxted: the 6 at Peterborough: the 10 at Blackmore, Harply in Norfolk, S. Ives, Bedford, Banbury, Farnham, Brainford, Owndle: the 15 at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggers-buſh, Burton. the 28 at Aſhford, Daintry,: the 29 at Halſon in Suffolk, Harlow-Buſh in Eſſex, ..atford.

September.

The firſt day at S. Giles in the Buſh. On Thurſday and Friday before the 8 day at Sandback in Cheſhire. 7, 8, 9, 10 at Woodbury-hill in Dorſetſhire, 7 at Ware, 8 at Huntington, Bury in Lancaſhire, Partney, Wakefield, Northampton, Sturbridge fair begins: The 11 at Woolpit in Suff. 14 at Rippon, Waltham-Abby, Cheſterfield in Darbiſhire, Richmond: the 21 at Marlborough, Bedford, Baldock, S. Edmundsbury, Holden in Holderneſs, Braintry, Brackly-Maiden, Malden, Mildnal: the 29 at S. Ives, Baſingſtoke, Marketdeeping, Shelford in Bedfordſh. Biſhopſtratford. Malden, Stow in Lincolnſh. S. Albans, Canterbury, Leiceſter, Newbury, Weſtcheſter, Weymer for 7 days: Thurſday after at Banbury.

October.

October.

The 2 day at Salisbury, the 6 at Havent in Hampſ. Maidſtone, Coolidge, Gayworth by Lyn, S. Faiths by Norwich: the 8 at Biſhopſtratford, Harborough, 9 Gainsborough: the 13 at Winſor, Colcheſter, Graveſend, Hitchin, Royſton: the Tueſday before S. Luke at Potton: 18 at Ely, Biſhop Hatfield, Barnet, Banbury, Thriſt, Burton, on Trent, Wellinborough: the 21 at Saffron Walden, Coventry: the 23 at Bickleſworth, 24 25, 26. at Applecham, 28 at Newmarket Hartford, Oxford, Diſs, Wakefield, Stamford, Richdale, in Lancaſhire.

November.

The 1 day at Chelmsford, 2 at Epping, Kingſton on Thames, Padamhaſſon in Suffolk, 6 at Newportpond, Bedford, Hartford, 11 at Lodden in Norfolk, Lenton in Nottinghamſhire, Hempton, Fockingham, Bridgeſtock, Marlborough: the 17 at Spalding in Lincolnſh. Lincoln, Harlow, Hide, Northampton: the 19 at Horſham in Kent: the 20 at S. Edmundsbury, Ingerſton in Eſſex, Heath. the 23 at Sandwich, the 30 at Baldock, Bareford, Kolingborough, Maidenhead, Warrington, Rocheſter, Wakefield, York.

December.

The firſt day at Tutbury: the 5 at Pluckley: the 9 at S. Neots, at Woodſtock, Exeter, Spalding, Norwich in Cheſhire, Seven-oak in Kent, Arundel, Grantham: the 7 at Sandhurſt, the 8 at Northampton, Clitheral in Lancaſhire, Huntington, Leiceſter, at Malpas in Cheſhire: the 29 at Canterbury, Salisbury.

Advertiſement.

Bateman's true Spirit of Scurvy-Grass, both plain and Golden, ſo long famous for the cure of the Scurvy, Gout, Dropſie, and ſeveral other Chronical Diſeaſes, are ſtill prepared by *John Hooker* and Partner, and ſold by them at their houſe in *Pauls Chain* near *Doctors Commons*: price 1 s. each Bottle.

Alſo the Grand Balſamick Pill prepared chiefly for the Diſtempers of the Head and Stomach, made and ſold by *John Hooker* at his houſe aforeſaid, price 1 s. the Box.

FINIS.